

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: Wed Jul 11 15:09:22 EDT 2007

=====

Application No: 10769831

Version No: 2.0

Input Set:

Output Set:

Started: 2007-07-05 15:53:43.139

Finished: 2007-07-05 15:53:44.349

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 210 ms

Total Warnings: 20

Total Errors: 0

No. of SeqIDs Defined: 24

Actual SeqID Count: 24

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)

Input Set:

Output Set:

Started: 2007-07-05 15:53:43.139
Finished: 2007-07-05 15:53:44.349
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 210 ms
Total Warnings: 20
Total Errors: 0
No. of SeqIDs Defined: 24
Actual SeqID Count: 24

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Schwabe, Nikolai F
 Tan, Linda C
 Catherine, Napper E
 Fry, Jeremy W
 Pang, Susan

<120> CHIMERIC MHC PROTEIN AND OLIGOMER THEREOF

<130> S-844-US

<140> 10769831

<141> 2004-02-02

<150> US 10/769,831

<151> 2004-02-02

<150> PCT/EP03/09056

<151> 2003-08-14

<160> 24

<170> PatentIn version 3.4

<210> 1

<211> 9

<212> PRT

<213> Epstein-Barr virus

<400> 1

Gly Leu Cys Thr Leu Val Ala Met Leu

1 5

<210> 2

<211> 38

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide (forward)

<400> 2

gcacccacat atgatccagc gtactccaaa gattcagg

38

<210> 3

<211> 36

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide (reverse)

<400> 3

ctacaaggat cccatgtctc gatcccaactt aactat

36

<210> 4

<211> 20

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide (forward)

<400> 4

taatacgact cactataggg

20

<210> 5

<211> 19

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide (reverse)

<400> 5

gctagttatt gctcagcgg

19

<210> 6

<211> 15

<212> PRT

<213> Artificial

<220>

<223> Synthetic Construct

<400> 6

Ser Leu Asn Asp Ile Phe Glu Ala Gln Lys Ile Glu Trp His Glu

1 5 10 15

<210> 7

<211> 15

<212> PRT

<213> Artificial

<220>

<223> Synthetic Construct

<400> 7

Pro Gln Pro Gln Pro Lys Pro Gln Pro Lys Pro Glu Pro Glu Thr

1 5 10 15

<210> 8

<211> 80

<212> DNA
 <213> Artificial

 <220>
 <223> Oligonucleotide (forward)

 <400> 8
 taaagcttca gggccagagc ccgttgggct cagacctggg cccgcagatg cttcgggaac 60

 tgcaggaaac caacgcggcg 80

 <210> 9
 <211> 81
 <212> DNA
 <213> Artificial

 <220>
 <223> Oligonucleotide (reverse)

 <400> 9
 gaacgtgatc tccctgacct gctgccgcag cagctcccgc acgtcctgca gcgccgcgtt 60

 ggtttcctgc agttcccgaa g 81

 <210> 10
 <211> 81
 <212> DNA
 <213> Artificial

 <220>
 <223> Oligonucleotide (forward)

 <400> 10
 ctgcaggacg tccgggagct gctgccgcag caggtcaggg agatcacgtt cctgaaaaac 60

 acggtgatgg agtgtgacgc g 81

 <210> 11
 <211> 80
 <212> DNA
 <213> Artificial

 <220>
 <223> Oligonucleotide (reverse)

 <400> 11
 tacggccgca cgctgggtag gccggtgcgt actgactgct gcaccccga cgcgtcacac 60

 tccatcaccg tgtttttcag 80

 <210> 12
 <211> 108
 <212> DNA

<213> Artificial

<220>

<223> Oligonucleotide (forward)

<400> 12
tgcggggatgc agcagtcagt acgcaccggc ctaccacagcg tacggccgcc gcagccgcag 60
ccgaaaccgc agccgaaacc ggaaccggaa actagtttga acgacatc 108

<210> 13
<211> 96
<212> DNA
<213> Artificial

<220>

<223> Oligonucleotide (reverse)

<400> 13
tactcgagtt cgtgccattc gattttctga gcctcgaaga tgtcgttcaa actagtttcc 60
ggttccggtt teggctgcgg ttccggctgc ggctgc 96

<210> 14
<211> 72
<212> DNA
<213> Artificial

<220>

<223> Oligonucleotide (forward)

<400> 14
gatccggtgg tgggtggttct ggtggtggtg gttctggtgg tgggtggttct ggtggtggtg 60
gttctggtgg ta 72

<210> 15
<211> 72
<212> DNA
<213> Artificial

<220>

<223> Oligonucleotide (reverse)

<400> 15
agcttaccac cagaaccacc accaccagaa ccaccaccac cagaaccacc accaccagaa 60
ccaccaccac cg 72

<210> 16
<211> 25
<212> PRT
<213> Artificial

<220>

<223> Synthetic Construct

<400> 16

Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly
1 5 10 15

Ser Gly Gly Gly Gly Ser Gly Gly Lys
20 25

<210> 17

<211> 24

<212> PRT

<213> Artificial

<220>

<223> Synthetic Construct

<400> 17

Gly Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
1 5 10 15

Gly Gly Gly Gly Ser Gly Gly Lys
20

<210> 18

<211> 22

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide (forward)

<400> 18

gagacatggg aggtggtggt gg

22

<210> 19

<211> 22

<212> DNA

<213> Artificial

<220>

<223> Oligonucleotide (reverse)

<400> 19

ccaccaccac ctcccatgtc tc

22

<210> 20

<211> 35
 <212> DNA
 <213> Artificial

 <220>
 <223> Oligonucleotide (forward)

 <400> 20
 gcataccat gggttctcac tctatgaggt atttc 35

<210> 21
 <211> 37
 <212> DNA
 <213> Artificial

 <220>
 <223> Oligonucleotide (reverse)

 <400> 21
 gcatacggat ccttacggct cccatctcag ggtgagg 37

<210> 22
 <211> 64
 <212> PRT
 <213> Rat

 <400> 22

 Gln Gly Gln Ile Pro Leu Gly Gly Asp Leu Ala Pro Gln Met Leu Arg
 1 5 10 15

Glu Leu Gln Glu Thr Asn Ala Ala Leu Gln Asp Val Arg Glu Leu Leu
 20 25 30

Arg Gln Gln Val Lys Glu Ile Thr Phe Leu Lys Asn Thr Val Met Glu
 35 40 45

Cys Asp Ala Cys Gly Met Gln Pro Ala Arg Thr Pro Gly Leu Ser Val
 50 55 60

<210> 23
 <211> 757
 <212> PRT
 <213> Homo sapiens

<300>
 <308> Genbank/1705995
 <309> 1996-10-01
 <313> (1)..(757)

<400> 23

Met	Val	Pro	Asp	Thr	Ala	Cys	Val	Leu	Leu	Leu	Thr	Leu	Ala	Ala	Leu	1	5	10	15
Gly	Ala	Ser	Gly	Gln	Gly	Gln	Ser	Pro	Leu	Gly	Ser	Asp	Leu	Gly	Pro	20	25	30	
Gln	Met	Leu	Arg	Glu	Leu	Gln	Glu	Thr	Asn	Ala	Ala	Leu	Gln	Asp	Val	35	40	45	
Arg	Asp	Trp	Leu	Arg	Gln	Gln	Val	Arg	Glu	Ile	Thr	Phe	Leu	Lys	Asn	50	55	60	
Thr	Val	Met	Glu	Cys	Asp	Ala	Cys	Gly	Met	Gln	Gln	Ser	Val	Arg	Thr	65	70	75	80
Gly	Leu	Pro	Ser	Val	Arg	Pro	Leu	Leu	His	Cys	Ala	Pro	Gly	Phe	Cys	85	90	95	
Phe	Pro	Gly	Val	Ala	Cys	Ile	Gln	Thr	Glu	Ser	Gly	Gly	Arg	Cys	Gly	100	105	110	
Pro	Cys	Pro	Ala	Gly	Phe	Thr	Gly	Asn	Gly	Ser	His	Cys	Thr	Asp	Val	115	120	125	
Asn	Glu	Cys	Asn	Ala	His	Pro	Cys	Phe	Pro	Arg	Val	Arg	Cys	Ile	Asn	130	135	140	
Thr	Ser	Pro	Gly	Phe	Arg	Cys	Glu	Ala	Cys	Pro	Pro	Gly	Tyr	Ser	Gly	145	150	155	160
Pro	Thr	His	Gln	Gly	Val	Gly	Leu	Ala	Phe	Ala	Lys	Ala	Asn	Lys	Gln	165	170	175	
Val	Cys	Thr	Asp	Ile	Asn	Glu	Cys	Glu	Thr	Gly	Gln	His	Asn	Cys	Val	180	185	190	
Pro	Asn	Ser	Val	Cys	Ile	Asn	Thr	Arg	Gly	Ser	Phe	Gln	Cys	Gly	Pro	195	200	205	
Cys	Gln	Pro	Gly	Phe	Val	Gly	Asp	Gln	Ala	Ser	Gly	Cys	Gln	Arg	Gly	210	215	220	

Ala Gln Arg Phe Cys Pro Asp Gly Ser Pro Ser Glu Cys His Glu His
225 230 235 240

Ala Asp Cys Val Leu Glu Arg Asp Gly Ser Arg Ser Cys Val Cys Arg
245 250 255

Val Gly Trp Ala Gly Asn Gly Ile Leu Cys Gly Arg Asp Thr Asp Leu
260 265 270

Asp Gly Phe Pro Asp Glu Lys Leu Arg Cys Pro Glu Pro Gln Cys Arg
275 280 285

Lys Asp Asn Cys Val Thr Val Pro Asn Ser Gly Gln Glu Asp Val Asp
290 295 300

Arg Asp Gly Ile Gly Asp Ala Cys Asp Pro Asp Ala Asp Gly Asp Gly
305 310 315 320

Val Pro Asn Glu Lys Asp Asn Cys Pro Leu Val Arg Asn Pro Asp Gln
325 330 335

Arg Asn Thr Asp Glu Asp Lys Trp Gly Asp Ala Cys Asp Asn Cys Arg
340 345 350

Ser Gln Lys Asn Asp Asp Gln Lys Asp Thr Asp Gln Asp Gly Arg Gly
355 360 365

Asp Ala Cys Asp Asp Asp Ile Asp Gly Asp Arg Ile Arg Asn Gln Ala
370 375 380

Asp Asn Cys Pro Arg Val Pro Asn Ser Asp Gln Lys Asp Ser Asp Gly
385 390 395 400

Asp Gly Ile Gly Asp Ala Cys Asp Asn Cys Pro Gln Lys Ser Asn Pro
405 410 415

Asp Gln Ala Asp Val Asp His Asp Phe Val Gly Asp Ala Cys Asp Ser
420 425 430

Asp Gln Asp Gln Asp Gly Asp Gly His Gln Asp Ser Arg Asp Asn Cys
435 440 445

Pro Thr Val Pro Asn Ser Ala Gln Glu Asp Ser Asp His Asp Gly Gln

450		455		460	
Gly Asp Ala Cys Asp Asp Asp Asp Asp Asn Asp Gly Val Pro Asp Ser					
465		470		475	480
Arg Asp Asn Cys Arg Leu Val Pro Asn Pro Gly Gln Glu Asp Ala Asp					
	485		490		495
Arg Asp Gly Val Gly Asp Val Cys Gln Asp Asp Phe Asp Ala Asp Lys					
	500		505		510
Val Val Asp Lys Ile Asp Val Cys Pro Glu Asn Ala Glu Val Thr Leu					
	515		520		525
Thr Asp Phe Arg Ala Phe Gln Thr Val Val Leu Asp Pro Glu Gly Asp					
	530		535		540
Ala Gln Ile Asp Pro Asn Trp Val Val Leu Asn Gln Gly Arg Glu Ile					
545		550		555	560
Val Gln Thr Met Asn Ser Asp Pro Gly Leu Ala Val Gly Tyr Thr Ala					
	565		570		575
Phe Asn Gly Val Asp Phe Glu Gly Thr Phe His Val Asn Thr Val Thr					
	580		585		590
Asp Asp Asp Tyr Ala Gly Phe Ile Phe Gly Tyr Gln Asp Ser Ser Ser					
	595		600		605
Phe Tyr Val Val Met Trp Lys Gln Met Glu Gln Thr Tyr Trp Gln Ala					
	610		615		620
Asn Pro Phe Arg Ala Val Ala Glu Pro Gly Ile Gln Leu Lys Ala Val					
625		630		635	640
Lys Ser Ser Thr Gly Pro Gly Glu Gln Leu Arg Asn Ala Leu Trp His					
	645		650		655
Thr Gly Asp Thr Glu Ser Gln Val Arg Leu Leu Trp Lys Asp Pro Arg					
	660		665		670
Asn Val Gly Trp Lys Asp Lys Lys Ser Tyr Arg Trp Phe Leu Gln His					
	675		680		685

Arg Pro Gln Val Gly Tyr Ile Arg Val Arg Phe Tyr Glu Gly Pro Glu
690 695 700

Leu Val Ala Asp Ser Asn Val Val Leu Asp Thr Thr Met Arg Gly Gly
705 710 715 720

Arg Leu Gly Val Phe Cys Phe Ser Gln Glu Asn Ile Ile Trp Ala Asn
725 730 735

Leu Arg Tyr Arg Cys Asn Asp Thr Ile Pro Glu Asp Tyr Glu Thr His
740 745 750

Gln Leu Arg Gln Ala
755

<210> 24
<211> 67
<212> PRT
<213> Homo sapiens

<400> 24

Gln Gly Gln Ser Pro Leu Gly Ser Asp Leu Gly Pro Gln Met Leu Arg
1 5 10 15

Glu Leu Gln Glu Thr Asn Ala Ala Leu Gln Asp Val Arg Asp Trp Leu
20 25 30

Arg Gln Gln Val Arg Glu Ile Thr Phe Leu Lys Asn Thr Val Met Glu
35 40 45

Cys Asp Ala Cys Gly Met Gln Gln Ser Val Arg Thr Gly Leu Pro Ser
50 55 60

Val Arg Pro
65